Claims

1. A float valve, characterized in comprising:

a case having a space formed inside;

a connection hole that is formed on a side surface or on a bottom surface of the case to connect inside and outside of the case;

a first valve port that is formed on an upper surface of the case;

a second valve port that is formed on the upper surface of the case to have a larger diameter than that of the first valve port;

a float to be housed in the case to freely move therein;

a first valve body portion that is formed on an upper surface of the float to close the first valve port;

a sub float through which the first valve body portion goes, and is covered over the upper surface of the float; and

a second valve body portion that is formed on an upper surface of the sub float to close the second valve port.

2. The float valve according to claim 1, characterized in comprising a spring that biases upward the sub float in such a manner as to keep balance with the second valve body portion opened.

3. The float valve according to claim 1, characterized in comprising a spring that biases upward the sub float in such a manner as not to add a load from the sub float to the float.